

TOWN OF DAVIE TOWN COUNCIL AGENDA REPORT

TO: Mayor and Councilmembers

FROM/PHONE: Monroe D. Kiar/954-584-9770

SUBJECT: Resolution

TITLE OF AGENDA ITEM:

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, APPROVING A STANDARD MUTUAL AID AGREEMENT TO BE ENTERED INTO BY WATER/WASTEWATER UTILITIES CONCERNING EMERGENCY ASSISTANCE FOR PHYSICAL DAMAGE SUSTAINED FROM NATURAL OR MANMADE DISASTERS IN COORDINATION WITH FLORIDA'S WATER/WASTEWATER AGENCY RESPONSE NETWORK (FLAWARN); AND PROVIDING FOR AN EFFECTIVE DATE.

REPORT IN BRIEF:

Florida's Water/Wastewater Agency Response Network (FlaWARN) was established to provide a method whereby water/wastewater utilities sustaining physical damage from natural or manmade disasters could obtain emergency assistance in the form of personnel, equipment, and materials and other associated services necessary from other water/wastewater utilities. The purpose of the attached Resolution and Mutual Aid Agreement (MAA) is to formally document such a program within the Town of Davie and to provide certain requirements that should be followed.

FlaWARN is the formalized system of "utilities helping utilities" address mutual aid during emergency situations. These incidents may be man-made or natural disasters. The project's infrastructure consists of a secure web-based data bank of available resources and a practical mutual aid agreement.

A steering committee provides leadership for FlaWARN. It is composed of representatives of five state water/wastewater professional organizations, three at large members and a representative of Florida Department of Environmental Protection (FDEP). The University of Florida Center for Training, Research and Education for Environmental Occupations (UF/TREEO) is responsible for implementing the program. FDEP funds FlaWARN using a portion from their Environmental Protection Agency (EPA) Water Protection Grant.

The goal of FlaWARN is to provide immediate relief for member utilities during emergencies. FlaWARN works by matching personnel with the necessary tools to both assess and assist the impacted water and wastewater system as quickly as possible until a permanent solution to the devastation can be implemented. This method of assistance is analogous to triage at a hospital. FlaWARN currently includes 161 member utilities (13 in Broward County), 63 of which have signed the MAA (4 in Broward County).

The MAA is the backbone of the network. Signing the MAA assures the utility sending help will be reimbursed under FEMA rates by the utility receiving help. Not signing the MAA does not mean that a utility will not receive help, but valuable time is lost in negotiating the terms of assistance. If there are limited resources for response, priority will be given to utilities that have signed the MAA.

PREVIOUS ACTIONS: None

CONCURRENCES: Town Attorney reviewed and approved

FISCAL IMPACT: N/A

RECOMMENDATION(S):

The Resolution and Mutual Aid Agreement for Water/Wastewater utilities is acceptable for submission to the Town Council for its review.

Attachment(s): Resolution, Mutual Aid Agreement for Water/Wastewater Utilities, FlaWARN Membership List, FEMA Schedule of Equipment Rates

RESOLUTION NO. R-2006-____

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, APPROVING A STANDARD MUTUAL AID AGREEMENT TO BE ENTERED INTO BY WATER/WASTEWATER UTILITIES CONCERNING EMERGENCY ASSISTANCE FOR PHYSICAL DAMAGE SUSTAINED FROM NATURAL OR MANMADE DISASTERS IN COORDINATION WITH FLORIDA'S WATER/WASTEWATER AGENCY RESPONSE NETWORK (FLAWARN); AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Water/Wastewater Mutual Aid Program was established to provide a method whereby water/wastewater utilities sustaining physical damage from natural or manmade disasters could obtain emergency assistance in the form of personnel, equipment, and materials and other associated services necessary from other water/wastewater utilities; and

WHEREAS, the purpose of this Agreement is to formally document said program; and

WHEREAS, the Town of Davie recognizes that damages caused by natural or manmade disasters to water/wastewater utilities can pose a significant health and safety threat to the residents of the Town of Davie.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA:

SECTION 1. The Town Council and the Town of Davie, Florida does hereby authorize the approval of the Mutual Aid Agreement for Water/Wastewater utilities which is attached hereto as Exhibit "A".

SECTION 2. This resolution shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED THIS _____ DAY OF _____, 2006.

MAYOR/COUNCILMEMBER

Attest:

TOWN CLERK

APPROVED THIS _____ DAY OF _____, 2006

MUTUAL AID AGREEMENT FOR WATER/WASTEWATER

ARTICLE I. PURPOSE

The Water/Wastewater Mutual Aid Program was established to provide a method whereby water/wastewater utilities sustaining physical damage from natural or man made disasters could obtain emergency assistance, in the form of personnel, equipment, and materials and other associated services necessary, from other water/wastewater utilities. The purpose of this Agreement is to formally document such program.

ARTICLE II. DEFINITIONS

- A. AGREEMENT – The Water/Wastewater Mutual Aid Agreement. The original agreement and all signatory pages shall be kept at TREEO Center 3900 SW 63rd Blvd., Gainesville, FL 32608
- B. PARTICIPATING UTILITY – Any Water/Wastewater utility which executes this Mutual Aid Agreement.
- C. DAMAGED UTILITY – Any Participating Utility which sustains physical damage to its water/ wastewater system due to a natural or manmade disaster and seeks assistance pursuant to this Agreement.
- D. ASSISTING UTILITY – Any Participating Utility which agrees to provide assistance to a Damaged Utility pursuant to this Agreement.
- E. AUTHORIZED REPRESENTATIVE – An employee of a Participating Utility authorized by that utility's governing board to request or offer assistance under the terms of this Agreement. (A list of the Authorized Representatives for each Participating Utility shall be attached to this Agreement as Appendix A)
- F. PERIOD OF ASSISTANCE – The period of time beginning with the departure of any personnel of the Assisting Utility from any point for the purpose of travelling to the Damaged Utility in order to provide assistance and ending upon the return of all personnel of the Assisting Utility, after

providing the assistance requested, to their residence or place of Work, whichever is first to occur.

- G. SCHEDULE OF EQUIPMENT RATES – The latest rates published by Federal Emergency Management Agency under the response and recovery directorate applicable to major disasters and emergencies.
- H. WORK OR WORK-RELATED PERIOD – Any period of time in which either the personnel or equipment of the Assisting Utility are being used by the Damaged Utility to provide assistance. Specifically included within such period of time are rest breaks when the personnel of the Assisting Utility will return to active Work within a reasonable time. Also, included is mutually agreed upon rotation of personnel and equipment.

ARTICLE III. PROCEDURE

In the event that a particular utility becomes a Damaged Utility, the following procedure shall be followed:

- A. The Damaged Utility shall contact the Authorized Representative of one or more of the participating utilities and provide them with the following information:
 - 1. a general description of the damage sustained;
 - 2. the part of the water/wastewater system for which assistance is needed;
 - 3. the amount and type of personnel, equipment, materials and supplies needed and a reasonable estimate of the length of time they will be needed;
 - 4. the present weather conditions and the forecast for the next twenty-four hours; and
 - 5. a specific time and place for a representative of the Damaged Utility to meet the personnel and equipment of the Assisting Utility.
- 6. The identification of Work conditions and special constraints such as availability of fuel supplies, lodging/meal support, medical facilities, security, communications, etc.

- B. When contacted by a Damaged Utility, the Authorized Representative of a Participating Utility shall assess his utility's situation to determine whether it is capable of providing assistance. No Participating Utility shall be under any obligation to provide assistance to a Damaged Utility. If the Authorized Representative determines that the Assisting Utility is capable of and willing to provide assistance, the Assisting Utility shall so notify the Authorized Representative of the Damaged Utility and providing the following information:
1. a complete description of the personnel, equipment and materials to be furnished to the Damaged Utility.
 2. the estimated length of time the personnel, equipment and materials will be available;
 3. the work experience and ability of the personnel and the capability of the equipment to be furnished;
 4. the name of the person or persons to be designated as supervisory personnel; and
 5. the estimated time when the assistance provided will arrive at the location designated by the Authorized Representative of the Damaged Utility.
- C. The personnel and equipment of the Assisting Utility shall remain, at all times, under the direct supervision and control of the designated supervisory personnel of the Assisting Utility. In instances where only equipment is provided by the Assisting Utility, the ownership of said equipment shall remain with the Assisting Utility and said equipment shall be returned to the Assisting Utility immediately upon request. Representatives of the Damaged Utility shall suggest Work assignments and schedules for the personnel of the Assisting Utility; however, the designated supervisory personnel of the Assisting Utility shall have the exclusive responsibility and authority for assigning Work and establishing Work schedules for the personnel of the Assisting Utility. The designated supervisory personnel shall maintain daily personnel time records and a log of equipment hours, be responsible for the

operation and maintenance of the equipment furnished by the Assisting Utility, and report Work progress to the Damaged Utility.

- D. The Damaged Utility shall have the responsibility of providing food and housing for the personnel of the Assisting Utility from the time of departure from their regularly scheduled Work location until the time of return to their regularly scheduled Work location. The food and shelter provided shall be subject to the approval of the supervisory personnel of the Assisting Utility. If not agreeable, food and shelter shall be provided and paid for as determined by mutual agreement.
- E. The Damaged Utility shall have the responsibility of providing communications between the personnel of the Assisting Utility and the Damaged Utility.

ARTICLE IV. REIMBURSABLE EXPENSES

The terms and conditions governing reimbursement for any assistance provided under this Agreement shall be agreed to prior to the providing of such assistance and shall be in accordance with the following provisions:

- A. PERSONNEL – During the Period of Assistance, the Assisting Utility shall continue to pay its employees according to its then prevailing rules and regulations. The Damaged Utility shall reimburse the Assisting Utility for all direct and indirect payroll costs and expenses incurred during the Period of Assistance, including, but not limited to, employee pensions and benefits.
- B. EQUIPMENT – The Assisting Utility shall be reimbursed for the use of its equipment during the Period of Assistance according to the SCHEDULE OF EQUIPMENT RATES established and published by FEMA. If an Assisting Utility uses an alternate basis of rates for equipment listed on the FEMA Schedule of Equipment Rates it shall provide such rates to the Damaged Utility prior to providing assistance. Rates for equipment not referenced on the FEMA Schedule of Equipment Rates shall be developed based on actual recovery of costs.

- C. MATERIALS AND SUPPLIES – The Assisting Utility shall be reimbursed for all materials and supplies furnished by it and used or damaged during the Period of Assistance, unless such damage is caused by negligence of the Assisting Utility's personnel. The measure of reimbursement shall be the replacement cost of the materials and supplies used or damaged, plus ten (10) percent of such cost. In the alternative, the parties may agree that the Damaged Utility will replace, with a like kind and quality as determined by the Assisting Utility, the materials and supplies used or damaged.
- D. PAYMENT – Unless mutually agreed otherwise, the Assisting Utility should bill the requesting utility for all expenses not later than ninety (90) days following the Period of Assistance. The requesting utility shall pay the bill in full not later than forty-five (45) days following the billing date. Unpaid bills shall become delinquent upon the forty-fifth (45th) day following the billing date, and once delinquent shall accrue interest at the rate of prime plus two percent (2%) per annum as reported by the Wall Street Journal.
- E. DISPUTED BILLINGS – Those undisputed portions of a billing should be paid under this payment plan. Only the disputed portions should be sent to arbitration under Article VI.

ARTICLE V. INSURANCE

Each Participating Utility shall bear the risk of its own actions, as it does with its day-to-day operations, and determine for itself what kinds of insurance, and in what amounts, it should carry. Nothing herein shall act or be construed as a waiver of any sovereign immunity or other exemption or limitation on liability that a Participating Utility may enjoy.

ARTICLE VI. ARBITRATION

All disputes between two or more participating utilities arising from participation in this Agreement, which cannot be settled through negotiation, shall be submitted to binding arbitration before a panel of three persons chosen from the members of this Mutual Aid Agreement which are participating utilities, excluding those members that are parties to the dispute.

Each party to the dispute shall choose one panel member and those panel members shall agree on one additional panel member.

The panel shall adopt rules of procedure and evidence, shall determine all issues in dispute by majority vote and shall assess damages. The decision of the panel shall be final and binding upon the parties to the dispute.

NOW, THEREFORE, in consideration of the covenants and obligations contained herein, the participating utility listed here, as a Participating Utility duly executes this Water/ Wastewater Mutual Aid Agreement this _____ day of _____, 20 ____.

Water/Wastewater Utility Representative(s):

By: _____
Title: _____

Please Print Name

By: _____
Title: _____

Please Print Name

Name of Participating Utility: Town of Davie
Please Print Name of Utility

(Please note: Attach a copy of your FlaWARN registration form to this document when you submit it. Thank you.)



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Member List

The following utilities are members of FLAWarn:

Utility	MAA on File
AL/MS AWWA	No
Alachua County Health Department	No
Bay Laurel Center Community Development Center	No
Brevard County Utility Services Department	No
Broward County Water/Wastewater Services	No
CDPHE	No
Cedar Key Water & Sewer Dist	Yes
Charlotte County Utilities	No
Charlotte Harbor Water Assn. Inc.	Yes
City of Bartow Wastewater	No
City of Atlantic Beach	Yes
City of Avon Park	No
City of Bartow	No
City of Boca Raton Utility Services	No
City of Boynton Beach	Yes
City of Bradenton	No
City of Chiefland	Yes
City of Cocoa Utilities	Yes
City of Coconut Creek Utilities and Engineering Dept	Yes
City of Dunedin Water / Wastewater	Yes
City of Dunedin Water/ Wastewater Treatment Plant	Yes
City of Eustis	No
City of Fellsmere	Yes
City of Flagler Beach	No
City of Fort Lauderdale	Yes
City of Fruitland Park	Yes
City of Ft. Myers	Yes

City of Green Cove Springs	Yes
City of groveland	Yes
City of Haines City	No
City of Holly Hill	No
City of Hollywood	No
City of Hollywood, Florida	Yes
City of Inverness	No
City of LaBelle	No
City of Lake City	Yes
City of Largo WWRP	No
City of Live Oak	Yes
City of Longwood	No
City of Maitland	No
City of Margate	Yes
City of Melbourne	No
City of Milton	Yes
City of Miramar	No
City of Mount Dora	No
City of Naples	No
City of Palm Coast	No
City of Pinellas Park	Yes
City Of Plant City	No
City of Plantation Utilities Department	No
City of Pompano Beach Utilities	No
City of Port St Joe	Yes
City of Punta Gorda Utility Department	No
City of Sanford	No
City of Sanibel	No
City of St. Cloud	Yes
City of St. Petersburg Water Resources Department	No
City of Starke	Yes
City of Stuart	Yes
City of Tamarac	No
City of Tampa Wastewater Department	No
City of Tampa Water Department	No

City of Titusville	Yes
City of Titusville Water Resources Department	Yes
City of Venice Utilities	Yes
City of Vero Beach	Yes
City of Waldo	Yes
City of West Palm Beach	Yes
City Of Wildwood	Yes
City of Winter Park	Yes
City of Winter Springs	No
Clay County Utility Authority	Yes
Collier County Water-Sewer District	Yes
Colorado Dept. of Public Health & Environment	No
Community Resource Group-RCAP	No
Coral Springs Improvement District	No
Coral Springs Utilities	No
Crestridge Utility Corporation	No
Damon Utilities, Inc.	No
Department of Homeland Security	No
Destin Water Users, Inc.	Yes
Emerald Coast Utilities Authority	No
Emerald Coast Utility Authority	No
Englewood Water District	No
EPA Region I - Boston	No
Everglades Shores PWS# 5110087	No
Fijian RV Park, Inc.	No
Florida Department of Environmental Protection	No
Florida Governmental Utility Authority	No
Florida Keys Aqueduct Authority	Yes
Florida Rural Water Association	No
Florida Section AWWA	No
Fort Pierce Utilities Authority	Yes
Gainesville Regional Utilities	Yes
Gasparilla Island Water Association, Inc.	Yes
Greater Pine Island Water Association. Inc.	No
Gulf Coast Electric Cooperative, Inc.	No

Hernando County Utilities	Yes
Highlands Hammock State Park	No
Holiday Gardens Utilities, Inc.	No
Hudson Water Works	No
IMMOKALEE WATER & SEWER DISTRICT	No
Indian River County	Yes
Intercoastal Utilities, Inc.	Yes
JEA	Yes
Lake City Water Treatment Facilities	Yes
Lakeport Water Assn., Inc.	No
Lee Cypress Water & Sewer Co-Op	No
Loxahatchee River District	No
Manatee County Utility Operations Department	No
Marco Island Utilities	No
Martin County Utilities & Solid Waste Department	Yes
MSM Utilities, LLC	No
Ocala Water & Sewer Department	Yes
Okaloosa County Water & Sewer System	No
Okeechobee Utility Authority	No
Orange County Utilities	Yes
Orange County Utilities Water Division	Yes
Orlando Utilities Commission (OUC)	Yes
Palm Beach County Water Utilities Department	Yes
Parkland Utilities, Inc	No
pasco county utilities	No
Pinellas County Utilities	Yes
Port LaBelle Utility System	No
PORT OF THE ISLANDS	No
Port St. Lucie Utility Systems Department	Yes
Reedy Creek Improvement District	Yes
Seacoast Utility Authority	Yes
Seminole Campground	No
Seminole County Environmental Services	No
South Central Regional Wastewater Treatment & Disposal Board	No
South Shore Water Association, Inc.	No

South Walton Utility Co., Inc.	Yes
Southeast Desalting Association	No
Southeast Rural Community Assistance Project, Inc	Yes
St. James Island Utility Company	No
St. Johns County Utility Department	Yes
Sundial Utilities, Inc	No
Suwannee Water & Sewer District	No
Tallahassee Water Utility	No
Tampa Bay Water Authority	No
Taylor Coastal Water & Sewer District	No
Texas Section American Water Works Association	No
The Island Water Association, Inc.	Yes
Toho Water Authority	Yes
Town of Davie Utilities	No
Town of Jupiter Utilities	Yes
TOWN OF LADY LAKE	Yes
Town of Lake Placid Utilities Department	Yes
Town of Longboat Key	No
Town of Managonia Park	No
Town of Palm Beach Water Resources	No
Town of White Springs	No
Trails End Fishing Resort	No
TREEO	No
Trenton Water & Sewer Department	No
U.S. Army Corps of Engineers Construction Engineering Research Lab	No
US Environmental Protection Agency	No
Utilities Commission of New Smyrna Beach	No
Volusia County Water Resources and Utilities	No
Zenith City (Training Use Only)	No

For more information, contact FlaWARN at info@flawarn.org

FEMA's Schedule of Equipment Rates

DEPARTMENT OF HOMELAND SECURITY EMERGENCY PREPAREDNESS AND RESPONSE DIRECTORATE RECOVERY DIVISION PUBLIC ASSISTANCE BRANCH WASHINGTON, D.C. 20472

The rates on this Schedule of Equipment Rates are for applicant-owned equipment in good mechanical condition, complete with all required attachments. Each rate covers all costs eligible under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. § 5121, et seq., for ownership and operation of equipment, including depreciation, overhead, all maintenance, field repairs, fuel, lubricants, tires, OSHA equipment and other costs incident to operation. Standby equipment costs are not eligible.

Equipment must be in actual operation performing eligible work in order for reimbursement to be eligible. LABOR COSTS OF OPERATOR ARE NOT INCLUDED in the rates and should be approved separately from equipment costs.

Information regarding the use of the Schedule is contained in 44 CFR § 206.228 *Allowable Costs*. Rates for equipment not listed will be furnished by FEMA upon request. Any appeals shall be in accordance with 44 CFR § 206.206 *Appeals*.

THESE RATES ARE APPLICABLE TO MAJOR DISASTERS AND EMERGENCIES DECLARED BY THE PRESIDENT ON OR AFTER AUGUST 28, 2005.

Cost Code	Equipment	Specification	Capacity/Size	HP	Notes	Unit	Rate
8490	Aerial Lift, Self-Propelled	Max. Platform Height	37 Ft	to 15	Articulated, Telescoping, Scissor.	hour	\$5.70
8491	Aerial Lift, Self-Propelled	Max. Platform Height	60 Ft	to 30	Articulated, Telescoping, Scissor.	hour	\$11.80
8492	Aerial Lift, Self-Propelled	Max. Platform Height	70 Ft	to 50	Articulated, Telescoping, Scissor.	hour	\$21.40
8493	Aerial Lift, Self-Propelled	Max. Platform Height	125 Ft	to 85	Articulated and Telescoping.	hour	\$38.50
8494	Aerial Lift, Self-Propelled	Max. Platform Height	150 Ft	to 130	Articulated and Telescoping.	hour	\$60.00
8486	Aerial Lift, Truck Mntd	Max. Platform Height	25 Ft		Articulated and Telescoping.	hour	\$5.40
8487	Aerial Lift, Truck Mntd	Max. Platform Height	50 Ft		Articulated and Telescoping.	hour	\$9.00
8488	Aerial Lift, Truck Mntd	Max. Platform Height	75 Ft		Articulated and Telescoping.	hour	\$19.10
8489	Aerial Lift, Truck Mntd	Max. Platform Height	100 Ft		Articulated and Telescoping.	hour	\$36.00
8010	Air Compressor	Air Delivery	41 CFM	to 10	Hoses included.	hour	\$1.55
8011	Air Compressor	Air Delivery	103 CFM	to 30	Hoses included.	hour	\$4.75
8012	Air Compressor	Air Delivery	130 CFM	to 50	Hoses included.	hour	\$9.25
8013	Air Compressor	Air Delivery	175 CFM	to 90	Hoses included.	hour	\$17.20
8014	Air Compressor	Air Delivery	400 CFM	to 145	Hoses included.	hour	\$24.80
8015	Air Compressor	Air Delivery	575 CFM	to 230	Hoses included.	hour	\$40.50
8016	Air Compressor	Air Delivery	1100 CFM	to 355	Hoses included.	hour	\$60.00
8017	Air Compressor	Air Delivery	1600 CFM	to 500	Hoses included.	hour	\$82.00
8020	Air Curtain Burner			to 50	In ground burner.	hour	\$6.60
8021	Air Curtain Burner			to 75	In ground burner.	hour	\$7.60
8022	Air Curtain Burner			to 100	In ground burner.	hour	\$8.75
8023	Air Curtain Burner			to 50	Above ground burner.	hour	\$9.05
8024	Air Curtain Burner			to 75	Above ground burner.	hour	\$11.60
8025	Air Curtain Burner			to 100	Above ground burner.	hour	\$15.30
8040	Ambulance			to 150		hour	\$21.50
8041	Ambulance			to 210		hour	\$32.00
8060	Auger, Portable	Hole Diameter	16 In	to 6		hour	\$1.40
8061	Auger, Portable	Hole Diameter	18 In	to 13		hour	\$3.30
8062	Auger, Tractor Mntd	Max. Auger Diameter	36 In	to 13	Includes digger, boom and mounting hardware.	hour	\$1.80
8063	Auger, Truck Mntd	Max. Auger Size	24 In	to 100	Guardrail post driver.	hour	\$30.00
8070	Automobile			to 130	Transporting people.	mile	\$0.45
8071	Automobile			to 130	Transporting cargo.	hour	\$9.75
8072	Automobile, Police			to 250	Patrolling.	mile	\$0.55
8073	Automobile, Police			to 250	Stationary with engine running.	hour	\$14.35

FEMA's Schedule of Equipment Rates

8110	Barge, Deck	Size	120'x30'x7.25'		hour	\$25.50
8111	Barge, Deck	Size	120'x45'x7'		hour	\$39.50
8112	Barge, Deck	Size	140'x45'x7'		hour	\$53.00
8113	Barge, Deck	Size	150'x45'x9'		hour	\$62.00
8115	Barge, Hopper	Size	200'x35'x12'	Open	hour	\$46.50
8116	Barge, Hopper	Size	200'x35'x12'	Closed	hour	\$54.00
8050	Board, Arrow			to 8	Trailer Mounted.	hour \$3.10
8051	Board, Message			to 5	Trailer Mounted.	hour \$8.55
8133	Boat, Push	Size	45'x21'x6'	to 435	Flat hull.	hour \$160.00
8134	Boat, Push	Size	54'x21'x6'	to 525	Flat hull.	hour \$182.00
8135	Boat, Push	Size	58'x24'x7.5'	to 705	Flat hull.	hour \$226.00
8136	Boat, Push	Size	64'x25'x8'	to 870	Flat hull.	hour \$270.00
8130	Boat, Row				Heavy duty.	hour \$0.85
8131	Boat, Runabout	Size	13'x5'	to 50	Outboard.	hour \$14.45
					Inboard with 360 degree	
8132	Boat, Tender	Size	14'x7'	to 100	drive.	hour \$27.00
8120	Boat, Tow	Size	55'x20'x5'	to 870	Steel.	hour \$204.00
8121	Boat, Tow	Size	60'x21'x5'	to 1050	Steel.	hour \$339.00
8122	Boat, Tow	Size	70'x30'x7.5'	to 1350	Steel.	hour \$480.00
8123	Boat, Tow	Size	120'x34'x8'	to 2000	Steel.	hour \$693.00
8140	Boat, Tug	Length	16 Ft	to 100		hour \$31.00
8141	Boat, Tug	Length	18 Ft	to 175		hour \$48.00
8142	Boat, Tug	Length	26 Ft	to 250		hour \$63.00
8143	Boat, Tug	Length	40 Ft	to 380		hour \$140.00
8144	Boat, Tug	Length	51 Ft	to 700		hour \$207.00
8419	Breaker, Pavement Hand-Held	Weight	25-90 Lbs			hour \$0.70
8420	Breaker, Pavement			to 70		hour \$29.50
8421	Breaker, Pavement			to 105		hour \$39.50
8422	Breaker, Pavement			to 137		hour \$52.00
8150	Broom, Pavement	Broom Length	72 In	to 20		hour \$9.35
8151	Broom, Pavement	Broom Length	84 In	to 45		hour \$13.95
8152	Broom, Pavement	Broom Length	96 In	to 100		hour \$18.80
8153	Broom, Pavement, Mntd	Broom Length	72 In	to 18		hour \$6.10
8154	Broom, Pavement, Pull	Broom Length	84 In	to 20		hour \$7.60
8270	Bucket, Clamshell	Capacity	1.0 CY		Includes teeth.	hour \$4.10
8271	Bucket, Clamshell	Capacity	2.5 CY		Includes teeth.	hour \$7.25
8272	Bucket, Clamshell	Capacity	5.0 CY		Includes teeth.	hour \$12.00
8273	Bucket, Clamshell	Capacity	7.5 CY		Includes teeth.	hour \$16.40
8275	Bucket, Dragline	Capacity	2.0 CY			hour \$3.30
8276	Bucket, Dragline	Capacity	5.0 CY			hour \$6.95
8277	Bucket, Dragline	Capacity	10 CY			hour \$11.55
8278	Bucket, Dragline	Capacity	14 CY			hour \$13.50
8180	Bus			to 150		hour \$14.75
8181	Bus			to 210		hour \$22.30
8182	Bus			to 300		hour \$30.50
8190	Chain Saw	Bar Length	16 In			hour \$1.55
8191	Chain Saw	Bar Length	25 In			hour \$3.10
8192	Chain Saw, Pole	Bar Size	18 In			hour \$1.65
8200	Chipper, Brush	Chipping Capacity	6 In	to 35	Trailer Mounted.	hour \$12.80
8201	Chipper, Brush	Chipping Capacity	12 In	to 65	Trailer Mounted.	hour \$17.70
8202	Chipper, Brush	Chipping Capacity	16 In	to 100	Trailer Mounted.	hour \$23.00
8203	Chipper, Brush	Chipping Capacity	18 In	to 125	Trailer Mounted.	hour \$29.00
8204	Chipper, Brush	Chipping Capacity	18 In	to 200	Trailer Mounted.	hour \$42.50
8205	Chipper, Brush	Chipping Capacity	19 In	to 300	Trailer Mounted.	hour \$59.00
8206	Chipper, Brush	Chipping Capacity	19 In	to 450	Trailer Mounted.	hour \$86.00
8207	Chipper, Brush			to 650	Trailer Mounted.	hour \$130.00
8210	Clamshell & Dragline			to 100	Bucket not included in rate.	hour \$71.00
8211	Clamshell & Dragline			to 155	Bucket not included in rate.	hour \$95.00
8212	Clamshell & Dragline			to 235	Bucket not included in rate.	hour \$131.00
8213	Clamshell & Dragline			to 350	Bucket not included in rate.	hour \$178.00
8214	Clamshell & Dragline			to 530	Bucket not included in rate.	hour \$250.00
8215	Clamshell & Dragline			to 800	Bucket not included in rate.	hour \$343.00
8712	Cleaner, Sewer/Catch Basin	Hopper Capacity	5 CY		Truck Mounted.	hour \$18.80

FEMA's Schedule of Equipment Rates

8713	Cleaner, Sewer/Catch Basin	Hopper Capacity	14 CY		Truck Mounted.	hour	\$23.30
8220	Compactor			to 10		hour	\$8.70
8221	Compactor			to 45		hour	\$15.30
8222	Compactor			to 75		hour	\$22.70
8223	Compactor			to 95		hour	\$28.00
8224	Compactor			to 150		hour	\$43.50
8225	Compactor			to 235		hour	\$73.00
8226	Compactor			to 335		hour	\$119.00
8227	Compactor			to 535		hour	\$234.00
8228	Compactor, towed			to 15		hour	\$15.00
8229	Compactor, towed			to 50		hour	\$39.00
8230	Compactor, towed			to 100		hour	\$65.00
8500	Crane	Max. Lift Capacity	8 MT	to 80		hour	\$30.50
8501	Crane	Max. Lift Capacity	15 MT	to 150		hour	\$44.00
8502	Crane	Max. Lift Capacity	27 MT	to 200		hour	\$66.00
8503	Crane	Max. Lift Capacity	45 MT	to 300		hour	\$98.00
8504	Crane	Max. Lift Capacity	70 MT	to 350		hour	\$143.00
8505	Crane	Max. Lift Capacity	110 MT	to 450		hour	\$208.00
8496	Crane, Truck Mntd	Max. Lift Capacity	17600 Lbs			hour	\$22.50
8497	Crane, Truck Mntd	Max. Lift Capacity	33000 Lbs			hour	\$34.00
8498	Crane, Truck Mntd	Max. Lift Capacity	60000 Lbs			hour	\$55.00
8499	Crane, Truck Mntd	Max. Lift Capacity	120000 Lbs			hour	\$98.00
8195	Cutter, Brush	Cutter Size	8 ft	to 150			\$76.00
8196	Cutter, Brush	Cutter Size	8 ft	to 190			\$86.00
8197	Cutter, Brush	Cutter Size	10 ft	to 245			\$96.00
8670	Derrick, Hydraulic Digger	Max. Boom Length	55 Ft		Includes hydraulic pole alignment attachment.	hour	\$32.50
8671	Derrick, Hydraulic Digger	Max. Boom Length	75 Ft		Includes hydraulic pole alignment attachment.	hour	\$34.50
8672	Derrick, Hydraulic Digger	Max. Boom Length	95 Ft		Includes hydraulic pole alignment attachment.	hour	\$36.50
8580	Distributor, Asphalt	Tank Capacity	500 Gal		Truck Mounted. Includes burners, insulated tank, and circulating spray bar.	hour	\$10.50
8581	Distributor, Asphalt	Tank Capacity	1000 Gal		Truck Mounted. Includes burners, insulated tank, and circulating spray bar.	hour	\$15.60
8582	Distributor, Asphalt	Tank Capacity	4000 Gal		Truck Mounted. Includes burners, insulated tank, and circulating spray bar.	hour	\$19.10
8250	Dozer, Crawler			to 65		hour	\$31.00
8251	Dozer, Crawler			to 105		hour	\$40.00
8252	Dozer, Crawler			to 160		hour	\$55.00
8253	Dozer, Crawler			to 245		hour	\$79.00
8254	Dozer, Crawler			to 375		hour	\$124.00
8255	Dozer, Crawler			to 565		hour	\$200.00
8256	Dozer, Crawler			to 850		hour	\$344.00
8260	Dozer, Wheel			to 260		hour	\$55.00
8261	Dozer, Wheel			to 335		hour	\$68.00
8262	Dozer, Wheel			to 445		hour	\$86.00
8263	Dozer, Wheel			to 615		hour	\$126.00
8280	Excavator, Hydraulic	Bucket Capacity	0.5 CY	to 45	Crawler, Truck & Wheel. Includes bucket.	hour	\$21.90
8281	Excavator, Hydraulic	Bucket Capacity	1.0 CY	to 90	Crawler, Truck & Wheel. Includes bucket.	hour	\$37.50
8282	Excavator, Hydraulic	Bucket Capacity	1.5 CY	to 160	Crawler, Truck & Wheel. Includes bucket.	hour	\$64.00
8283	Excavator, Hydraulic	Bucket Capacity	2.5 CY	to 265	Crawler, Truck & Wheel. Includes bucket.	hour	\$104.00
8284	Excavator, Hydraulic	Bucket Capacity	4.5 CY	to 420	Crawler, Truck & Wheel. Includes bucket.	hour	\$163.00
8285	Excavator, Hydraulic	Bucket Capacity	7.5 CY	to 650	Crawler, Truck & Wheel. Includes bucket.	hour	\$255.00
8286	Excavator, Hydraulic	Bucket Capacity	12 CY	to 1000	Crawler, Truck & Wheel. Includes bucket.	hour	\$404.00
8240	Feeder, Grizzly			to 35		hour	\$19.20
8241	Feeder, Grizzly			to 55		hour	\$29.00
8242	Feeder, Grizzly			to 75		hour	\$45.50

FEMA's Schedule of Equipment Rates

8300	Fork Lift	Capacity	6000 Lbs	to 60	hour	\$9.90
8301	Fork Lift	Capacity	12000 Lbs	to 90	hour	\$14.45
8302	Fork Lift	Capacity	18000 Lbs	to 140	hour	\$23.90
8303	Fork Lift	Capacity	50000 Lbs	to 215	hour	\$42.50
8310	Generator	Prime Output	5.5 KW	to 10	hour	\$3.60
8311	Generator	Prime Output	16 KW	to 25	hour	\$8.45
8312	Generator	Prime Output	43 KW	to 65	hour	\$18.10
8313	Generator	Prime Output	85 KW	to 125	hour	\$28.50
8314	Generator	Prime Output	140 KW	to 200	hour	\$40.50
8315	Generator	Prime Output	210 KW	to 300	hour	\$59.00
8316	Generator	Prime Output	280 KW	to 400	hour	\$76.00
8317	Generator	Prime Output	350 KW	to 500	hour	\$94.00
8318	Generator	Prime Output	530 KW	to 750	hour	\$137.00
8319	Generator	Prime Output	710 KW	to 1000	hour	\$179.00
8320	Generator	Prime Output	1100 KW	to 1500	hour	\$274.00
8321	Generator	Prime Output	1500 KW	to 2000	hour	\$369.00
8322	Generator	Prime Output	1900 KW	to 2500	hour	\$457.00
8323	Generator	Prime Output	2400 KW	to 3000	hour	\$547.00
8755	Golf Cart	Capacity	2 person		hour	\$2.55
8330	Graders	Moldboard Size	8 Ft	to 50	hour	\$23.90
8331	Graders	Moldboard Size	10 Ft	to 100	hour	\$32.00
8332	Graders	Moldboard Size	12 Ft	to 150	hour	\$43.00
8333	Graders	Moldboard Size	14 Ft	to 225	hour	\$60.00
8350	Hose, Discharge	Diameter	3 In		hour	\$0.15
8351	Hose, Discharge	Diameter	4 In		hour	\$0.20
8352	Hose, Discharge	Diameter	6 In		hour	\$0.35
8353	Hose, Discharge	Diameter	8 In		hour	\$0.55
8354	Hose, Discharge	Diameter	12 In		hour	\$1.15
8355	Hose, Discharge	Diameter	16 In		hour	\$1.90
8356	Hose, Suction	Diameter	3 In		hour	\$0.20
8357	Hose, Suction	Diameter	4 In		hour	\$0.30
8358	Hose, Suction	Diameter	6 In		hour	\$0.50
8359	Hose, Suction	Diameter	8 In		hour	\$0.85
8360	Hose, Suction	Diameter	12 In		hour	\$1.80
8361	Hose, Suction	Diameter	16 In		hour	\$3.20
8517	Jackhammer (Dry)	Weight Class	25-45 Lbs		hour	\$1.10
8518	Jackhammer (Wet)	Weight Class	30-55 Lbs		hour	\$1.20
8380	Loader, Crawler	Bucket Capacity	0.5 CY	to 32	hour	\$13.90
8381	Loader, Crawler	Bucket Capacity	1 CY	to 60	hour	\$23.50
8382	Loader, Crawler	Bucket Capacity	2 CY	to 118	hour	\$46.50
8383	Loader, Crawler	Bucket Capacity	3 CY	to 178	hour	\$73.00
8384	Loader, Crawler	Bucket Capacity	4 CY	to 238	hour	\$101.00
8385	Loader, Crawler	Bucket Capacity	5 CY	to 300	hour	\$135.00
8540	Loader, Skid-Steer	Operating Capacity	1000 Lbs	to 35	hour	\$12.50
8541	Loader, Skid-Steer	Operating Capacity	2000 Lbs	to 65	hour	\$17.40
8542	Loader, Skid-Steer	Operating Capacity	3000 Lbs	to 85	hour	\$20.10
8543	Loader, Skid-Steer	Operating Capacity	4000 Lbs	to 94	hour	\$21.00
8401	Loader, Tractor, Wheel			to 81	hour	\$17.80
8390	Loader, Wheel	Bucket Capacity	0.5 CY	to 38	hour	\$13.25
8391	Loader, Wheel	Bucket Capacity	1 CY	to 60	hour	\$17.10
8392	Loader, Wheel	Bucket Capacity	2 CY	to 105	hour	\$25.50

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8393	Loader, Wheel	Bucket Capacity	3 CY	to 152		hour	\$34.00
8394	Loader, Wheel	Bucket Capacity	4 CY	to 200		hour	\$43.50
8395	Loader, Wheel	Bucket Capacity	5 CY	to 250		hour	\$53.00
8396	Loader, Wheel	Bucket Capacity	6 CY	to 305		hour	\$65.00
8397	Loader, Wheel	Bucket Capacity	7 CY	to 360		hour	\$79.00
8398	Loader, Wheel	Bucket Capacity	8 CY	to 415		hour	\$92.00
8399	Loader, Wheel	Bucket Capacity	9 CY	to 470		hour	\$105.00
8400	Loader, Wheel	Bucket Capacity	10 CY	to 530		hour	\$122.00
8570	Loader-Backhoe, Wheel	Loader Bucket Capacity	0.5 CY	to 40	Loader and Backhoe Buckets included.	hour	\$12.25
8571	Loader-Backhoe, Wheel	Loader Bucket Capacity	1 CY	to 70	Loader and Backhoe Buckets included.	hour	\$19.70
8572	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.5 CY	to 95	Loader and Backhoe Buckets included.	hour	\$28.50
8573	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.75 CY	to 115	Loader and Backhoe Buckets included.	hour	\$36.50
8410	Mixer, Concrete Portable	Batching Capacity	10 Cft			hour	\$2.90
8411	Mixer, Concrete Portable	Batching Capacity	16 Cft			hour	\$4.25
8412	Mixer, Concrete, Trailer Mntd	Batching Capacity	11 Cft	to 10		hour	\$9.35
8413	Mixer, Concrete, Trailer Mntd	Batching Capacity	16 Cft	to 25		hour	\$14.70
8075	Motorcycle, Police					mile	\$0.40
8633	Mulcher, Trailer Mntd	Working Capacity	7 TPH	to 35		hour	\$10.10
8634	Mulcher, Trailer Mntd	Working Capacity	10 TPH	to 55		hour	\$15.00
8635	Mulcher, Trailer Mntd	Working Capacity	20 TPH	to 120		hour	\$22.60
8430	Paver, Asphalt			to 50	Includes wheel and crawler equipment.	hour	\$41.50
8431	Paver, Asphalt			to 75	Includes wheel and crawler equipment.	hour	\$63.00
8432	Paver, Asphalt			to 125	Includes wheel and crawler equipment.	hour	\$97.00
8433	Paver, Asphalt			to 175	Includes wheel and crawler equipment.	hour	\$125.00
8434	Paver, Asphalt			to 250	Includes wheel and crawler equipment.	hour	\$151.00
8436	Pick-up, Asphalt			to 110		hour	\$57.00
8437	Pick-up, Asphalt			to 150		hour	\$82.00
8438	Pick-up, Asphalt			to 200		hour	\$103.00
8439	Pick-up, Asphalt			to 275		hour	\$145.00
8660	Plow, Cable	Plow Depth	18 in	to 30		hour	\$9.50
8661	Plow, Cable	Plow Depth	36 in	to 65		hour	\$19.30
8662	Plow, Cable	Plow Depth	48 in	to 110		hour	\$30.50
8450	Plow, Grader Mntd	Width	to 10 Ft			hour	\$18.60
8451	Plow, Grader Mntd	Width	to 14 Ft			hour	\$25.00
8452	Plow, Truck Mntd	Width	to 15 Ft			hour	\$14.05
8453	Plow, Truck Mntd	Width	to 15 Ft		With leveling wing.	hour	\$20.40
8470	Pump			to 3	Hoses not included.	hour	\$2.70
8471	Pump			to 6	Hoses not included.	hour	\$3.70
8472	Pump			to 10	Hoses not included.	hour	\$5.05
8473	Pump			to 15	Hoses not included.	hour	\$6.00
8474	Pump			to 25	Hoses not included.	hour	\$8.60
8475	Pump			to 40	Hoses not included.	hour	\$11.25
8476	Pump			to 60	Hoses not included.	hour	\$16.70
8477	Pump			to 95	Hoses not included.	hour	\$24.60
8478	Pump			to 140	Hoses not included.	hour	\$26.50
8479	Pump			to 200	Hoses not included.	hour	\$31.50
8463	Pump Extender	Length	20 Ft			hour	\$1.25
8460	Pump, W/O Power	Pump Size	6 In			hour	\$2.30
8461	Pump, W/O Power	Pump Size	12 In			hour	\$3.00
8462	Pump, W/O Power	Pump Size	24 In			hour	\$7.15
8510	Saw, Concrete	Blade Diameter	14 In	to 14		hour	\$5.35
8511	Saw, Concrete	Blade Diameter	26 In	to 35		hour	\$12.60
8512	Saw, Concrete	Blade Diameter	48 In	to 65		hour	\$22.10
8513	Saw, Rock			to 65		hour	\$29.00
8514	Saw, Rock			to 90		hour	\$38.00
8515	Saw, Rock			to 120		hour	\$52.00
8520	Scraper	Scraper Capacity	11 CY	to 175		hour	\$83.00
8521	Scraper	Scraper Capacity	16 CY	to 250		hour	\$109.00
8522	Scraper	Scraper Capacity	23 CY	to 365		hour	\$143.00
8523	Scraper	Scraper Capacity	34 CY	to 475		hour	\$173.00

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8524	Scraper	Scraper Capacity	44 CY	to 600	hour	\$208.00
8560	Snow Blower	Capacity	2,000 Tph	to 400	hour	\$140.00
8561	Snow Blower	Capacity	2,500 Tph	to 500	hour	\$157.00
8562	Snow Blower	Capacity	3,500 Tph	to 600	hour	\$180.00
8550	Snow Blower, Truck Mntd	Capacity	600 Tph	to 75	hour	\$38.50
8551	Snow Blower, Truck Mntd	Capacity	1100 Tph	to 150	hour	\$60.00
8552	Snow Blower, Truck Mntd	Capacity	1600 Tph	to 250	hour	\$90.00
8553	Snow Blower, Truck Mntd	Capacity	2500 Tph	to 400	hour	\$128.00
8558	Snow Thrower, Walk Behind	Cutting Width	25 in	to 5	hour	\$12.80
8559	Snow Thrower, Walk Behind	Cutting Width	60 in	to 15	hour	\$16.30
8630	Sprayer, Seed	Working Capacity	750 Gal	to 30	Trailer & truck mounted.	hour \$10.70
8631	Sprayer, Seed	Working Capacity	1250 Gal	to 50	Trailer & truck mounted.	hour \$13.45
8632	Sprayer, Seed	Working Capacity	3500 Gal	to 115	Trailer & truck mounted.	hour \$22.40
8458	Spreader, Chemical	Capacity	5 CY	to 4	Trailer & truck mounted.	hour \$4.10
8423	Spreader, Chip	Spread Hopper Width	12.5 Ft	to 152	hour	\$50.00
8424	Spreader, Chip	Spread Hopper Width	16.5 Ft	to 215	hour	\$66.00
8425	Spreader, Chip, Mntd	Hopper Size	8 Ft	to 8	Trailer & truck mounted.	hour \$3.65
8455	Spreader, Sand	Mounting	Tailgate, Chassis		hour	\$4.05
8456	Spreader, Sand	Mounting	Dump Body		hour	\$5.65
8457	Spreader, Sand	Mounting	Truck (10yd)		hour	\$7.90
8440	Striper	Paint Capacity	40 Gal	to 22	hour	\$12.90
8441	Striper	Paint Capacity	90 Gal	to 60	hour	\$19.10
8442	Striper	Paint Capacity	120 Gal	to 122	hour	\$38.00
8445	Striper, Truck Mntd	Paint Capacity	120 Gal	to 460	hour	\$69.00
8446	Striper, Walk-behind	Paint Capacity	12 Gal		hour	\$3.25
8157	Sweeper, Pavement			to 110	hour	\$47.00
8158	Sweeper, Pavement			to 150	hour	\$56.00
8159	Sweeper, Pavement			to 200	hour	\$62.00
8590	Trailer, Dump	Capacity	20 CY		Does not include Prime Mover.	hour \$17.40
8591	Trailer, Dump	Capacity	30 CY		Does not include Prime Mover.	hour \$26.00
8592	Trailer, Dump	Capacity	40 CY		Does not include Prime Mover.	hour \$35.00
8600	Trailer, Equipment	Capacity	30 Tons		hour	\$9.90
8601	Trailer, Equipment	Capacity	40 Tons		hour	\$11.45
8602	Trailer, Equipment	Capacity	60 Tons		hour	\$13.70
8603	Trailer, Equipment	Capacity	120 Tons		hour	\$18.30
8640	Trailer, Office	Trailer Size	8' x 24'		hour	\$1.60
8641	Trailer, Office	Trailer Size	8' x 32'		hour	\$1.90
8642	Trailer, Office	Trailer Size	10' x 32'		hour	\$2.30
8610	Trailer, Water	Tank Capacity	4000 Gal		Includes a centrifugal pump with sump and a rear spraybar.	hour \$10.65
8611	Trailer, Water	Tank Capacity	6000 Gal		Includes a centrifugal pump with sump and a rear spraybar.	hour \$12.40
8612	Trailer, Water	Tank Capacity	10000 Gal		Includes a centrifugal pump with sump and a rear spraybar.	hour \$15.40
8613	Trailer, Water	Tank Capacity	14000 Gal		Includes a centrifugal pump with sump and a rear spraybar.	hour \$18.70
8650	Trencher			to 35	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour \$14.70
8651	Trencher			to 85	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour \$32.50
8652	Trencher			to 115	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour \$41.50
8653	Trencher			to 175	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour \$61.00
8290	Trowel, Concrete	Diameter	90 In	to 25	hour	\$11.70
8291	Trowel, Concrete	Diameter	100 In	to 38	hour	\$17.90

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8810	Truck, Bucket				Add Flatbed Truck to Truck Mounted Aerial Add Flatbed Truck to Sewer Cleaner.		
8811	Truck, Cleaning					hour	\$70.00
8680	Truck, Concrete Mixer	Mixer Capacity	10 CY	to 255		hour	\$81.00
8681	Truck, Concrete Mixer	Mixer Capacity	13 CY	to 300		hour	\$25.50
8720	Truck, Dump	Struck Capacity	8 CY	to 210		hour	\$28.00
8721	Truck, Dump	Struck Capacity	10 CY	to 235		hour	\$31.00
8722	Truck, Dump	Struck Capacity	12 CY	to 255		hour	\$46.50
8723	Truck, Dump	Struck Capacity	18 CY	to 330		hour	\$77.00
8724	Truck, Dump	Struck Capacity	28 CY	to 400		hour	\$85.00
8725	Truck, Dump	Struck Capacity	40 CY	to 460		hour	\$108.00
8726	Truck, Dump	Struck Capacity	50 CY	to 620		hour	\$53.00
8690	Truck, Fire	Pump Capacity	1000 GPM			hour	\$56.00
8691	Truck, Fire	Pump Capacity	1250 GPM			hour	\$71.00
8692	Truck, Fire	Pump Capacity	1500 GPM			hour	\$77.00
8693	Truck, Fire	Pump Capacity	2000 GPM			hour	\$16.40
8700	Truck, Flatbed	Maximum Gvw	15000 Lbs	to 150		hour	\$20.20
8701	Truck, Flatbed	Maximum Gvw	25000 Lbs	to 180		hour	\$26.50
8702	Truck, Flatbed	Maximum Gvw	30000 Lbs	to 215		hour	\$29.50
8703	Truck, Flatbed	Maximum Gvw	45000 Lbs	to 250		hour	\$38.00
8704	Truck, Flatbed	Maximum Gvw	50000 Lbs	to 300		hour	\$46.00
8705	Truck, Flatbed			to 375		hour	\$53.00
8706	Truck, Flatbed			to 450		hour	\$41.50
8730	Truck, Garbage	Capacity	25 CY	to 255		hour	\$50.00
8731	Truck, Garbage	Capacity	32 CY	to 325		hour	
8812	Truck, Knuckle Boom				Add Flatbed Truck to Truck Mounted Crane.		
8813	Truck, Ladder				Add Flatbed Truck to Truck Mounted Aerial		
8814	Truck, Line				Add Flatbed Truck to Hydraulic Digger Derrick.		
8800	Truck, Pickup			to 130	When transporting people.	mile	\$0.45
8801	Truck, Pickup			to 130		hour	\$9.75
8802	Truck, Pickup			to 180		hour	\$13.35
8803	Truck, Pickup			to 230		hour	\$16.50
8804	Truck, Pickup			to 280		hour	\$19.90
8790	Truck, Tractor			to 210		hour	\$29.50
8791	Truck, Tractor			to 265		hour	\$36.50
8792	Truck, Tractor			to 310		hour	\$42.00
8793	Truck, Tractor			to 350		hour	\$44.50
8780	Truck, Water	Tank Capacity	2500 Gal	to 175	Include pump and rear spray system.	hour	\$27.50
8781	Truck, Water	Tank Capacity	4000 Gal	to 250	Include pump and rear spray system.	hour	\$39.00
8620	Tub Grinder			to 400		hour	\$78.00
8621	Tub Grinder			to 500		hour	\$97.00
8622	Tub Grinder			to 600		hour	\$110.00
8623	Tub Grinder			to 700		hour	\$125.00
8624	Tub Grinder			to 800		hour	\$144.00
8625	Tub Grinder			to 900		hour	\$156.00
8626	Tub Grinder			to 1000		hour	\$170.00
8753	Vehicle, Recreational			to 10		hour	\$2.75
8750	Vehicle, Small			to 30		hour	\$5.25
8760	Vibrator, Concrete			to 4		hour	\$1.00
8761	Vibrator, Concrete			to 8		hour	\$2.75
8770	Welder, Portable			to 16	Includes ground cable and lead cable.	hour	\$4.90
8771	Welder, Portable			to 34	Includes ground cable and lead cable.	hour	\$10.25
8772	Welder, Portable			to 50	Includes ground cable and lead cable.	hour	\$14.75
8773	Welder, Portable			to 80	Includes ground cable and lead cable.	hour	\$21.60

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